

WO 1993-EP1588 19930622
 19950103 PCT 371 date
 19950103 PCT 102(e) date
 PRAI DE 1992-4221875 19920703
 DT Utility
 FS Granted
 LN.CNT 1198
 INCL INCLM: 528/328.000
 INCLS: 252/089.100; 426/051.000; 525/418.000; 525/419.000; 525/420.000;
 526/303.100; 526/304.000; 526/307.000; 526/312.000; 528/190.000;
 528/327.000; 528/363.000
 NCL NCLM: 528/328.000
 NCLS: 426/051.000; 525/418.000; 525/419.000; 525/420.000; 526/303.100;
 526/304.000; 526/307.000; 526/312.000; 528/190.000; 528/327.000;
 528/363.000
 IC [6]
 ICM: C08G069-10
 ICS: A23B007-10; C08F020-54
 EXF 528/190; 528/327; 528/328; 528/363; 525/418; 525/419; 525/420; 252/891;
 426/51; 526/303.1; 526/304; 526/307; 526/312
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 3 OF 3 USPATFULL

Full Text	Citing References
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AN 95:105897 USPATFULL
 TI Aqueous polyurethane dispersions
 IN Wallon, Alexander, Limburgerhof, Germany, Federal Republic of
 Auchter, Gerhard, Bad Duerkheim, Germany, Federal Republic of
 Licht, Ulrike, Mannheim, Germany, Federal Republic of
 Haerberle, Karl, Speyer, Germany, Federal Republic of
 Funhoff, Angelika, Heidelberg, Germany, Federal Republic of
 PA BASF Aktiengesellschaft, Ludwigshafen, Germany, Federal Republic of
 (non-U.S. corporation)
 PI US 5470907 19951128
 AI US 1994-263233 19940621 (8)
 PRAI DE 1993-4320455 19930621
 DT Utility
 FS Granted
 LN.CNT 881
 INCL INCLM: 524/507.000
 INCLS: 524/591.000; 524/839.000; 524/840.000; 525/455.000
 NCL NCLM: 524/507.000
 NCLS: 524/591.000; 524/839.000; 524/840.000; 525/455.000
 IC [6]
 ICM: C08J003-00
 ICS: C08K003-20; C08L075-00; C08F283-04
 EXF 524/591; 524/839; 524/840; 524/507; 525/455
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s Ingram, W. Hayes/in

L11 8 INGRAM, W. HAYES/IN

=> s 111 and 1-8

2 FILES SEARCHED...

3 FILES SEARCHED...

L12 8 L11 AND 1-8

=> s 112 and phenol3 and formaldehyde

L13 0 L12 AND PHENOL3 AND FORMALDEHYDE

=> s 112 and phenol and formaldehyde

L14 8 L12 AND PHENOL AND FORMALDEHYDE

=> s phenol# and formaldehyde# and resin# and scavenger#
L15 2445 PHENOL# AND FORMALDEHYDE# AND RESIN# AND SCAVENGER#

=> s l15 and alkaline catalyst#
L16 80 L15 AND ALKALINE CATALYST#

=> s l16 and free formaldehyde concentration
L17 1 L16 AND FREE FORMALDEHYDE CONCENTRATION

=> d

L17 ANSWER 1 OF 1 USPATFULL

Full Citing
Text References

AN 92:1421 USPATFULL
TI **Formaldehyde** containing resins having a low free formaldehyde
IN Willging, Stephen M., Minneapolis, MN, United States
PA H. B. Fuller Company, Saint Paul, MN, United States (U.S. corporation)
PI US 5079067 19920107
AI US 1991-667009 19910311 (7)
RLI Continuation of Ser. No. US 1988-244913, filed on 15 Sep 1988, now abandoned
DT Utility
FS Granted
LN.CNT 754
INCL INCL: 428/182.000
INCLS: 428/186.000; 523/208.000; 524/049.000; 524/701.000; 524/728.000;
524/843.000; 524/844.000
NCL NCL: 428/182.000
NCLS: 428/186.000; 523/208.000; 524/049.000; 524/701.000; 524/728.000;
524/843.000; 524/844.000
IC [5]
ICM: B32B003-28
ICS: C08K009-00; C08L003-04
EXF 428/182; 428/186; 523/208; 524/49; 524/701; 524/728; 524/843; 524/844;
527/303; 528/227
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d l12 1-8

L12 ANSWER 1 OF 8 PCTFULL COPYRIGHT 2003 Univentio

Full
Text

AN 1999032534 PCTFULL ED 20020515
TIEN CYCLIC UREA-FORMALDEHYDE PREPOLYMER FOR USE IN PHENOL-FORMALDEHYDE AND
MELAMINE-FORMALDEHYDE RESIN-BASED BINDERS
TIFR PREPOLYMERE UREE-FORMALDEHYDE CYCLIQUE S'UTILISANT DANS DES LIANTS A
BASE DE RESINE PHENOL-FORMALDEHYDE ET MELAMINE-FORMALDEHYDE
IN DUPRE, F., C.;
FOUCHT, Millard, E.;
FREESE, William, P.;
GABRIELSON, Kurt, D.;
GAPUD, Benjamin, D.;
INGRAM, W., Hayes;
McVAY, Ted, E.;
REDIGER, Richard, A.;
SHOEMAKE, Kelly, A.;
TUTIN, Kim, K.;
WRIGHT, James, T.
PA GEORGIA-PACIFIC RESINS, INC.
LA English
DT Patent

PI WO 9932534 A1 19990701
 DS W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI
 GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR K2 LC LK LR LS
 LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
 SL TJ TM TR TT UA UG UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW
 AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR
 IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN
 TD TG
 AI WO 1998-US26922 A 19981218
 PRAI US 1997-60/068,286 19971219
 US 1998-60/095,249 19980804
 US 1998-09/215,742 19981217
 ICM C08G012-40
 ICS C08G014-12; C08L061-28; C08L061-06

L12 ANSWER 2 OF 8 USPATFULL

Full Text	Citing References
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AN 2002:201527 USPATFULL
 TI Wood composite prepared with a B-stageable resin
 IN Black, Eric P., Covington, GA, United States
 Hittmeier, Michael E., Alpharetta, GA, United States
 Ingram, W. Hayes, Conyers, GA, United States
 Johnson, R. Scott, Snellville, GA, United States
 PA Georgia-Pacific Resins Inc., Atlanta, GA, United States (U.S. corporation)
 PI US 6432254 B1 20020813
 AI US 1997-979759 19971126 (8)
 DT Utility
 FS GRANTED
 LN.CNT 545
 INCL INCLM: 156/307.500
 INCLS: 156/335.000; 156/381.000; 528/147.000
 NCL NCLM: 156/307.500
 NCLS: 156/335.000; 156/381.000; 528/147.000
 IC [7]
 ICM: C09J005-02
 EXF 156/307.5; 156/381; 156/335; 528/147
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 3 OF 8 USPATFULL

Full Text	Citing References
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AN 2002:95476 USPATFULL
 TI Cyclic urea-formaldehyde prepolymer for use in phenol-formaldehyde and melamine-formaldehyde resin-based binders
 IN Dupre, F. C., Atlanta, GA, United States
 Foucht, Millard E., Stone Mountain, GA, United States
 Freese, William P., Conyers, GA, United States
 Gabrielson, Kurt D., Liburn, GA, United States
 Gapud, Benjamin D., Lawrenceville, GA, United States
 Ingram, W. Hayes, Conyers, GA, United States
 McVay, Ted M., Lawrenceville, GA, United States
 Rediger, Richard A., Conyers, GA, United States
 Shoemake, Kelly A., Conyers, GA, United States
 Tutin, Kim K., Stone Mountain, GA, United States
 Wright, James T., Decatur, GA, United States
 PA Georgia-Pacific Resins, Inc., Atlanta, GA, United States (U.S. corporation)
 PI US 6379814 B1 20020430
 US 2002054994 A1 20020509
 AI US 2001-948047 20010907 (9)
 RLI Division of Ser. No. US 2000-735624, filed on 14 Dec 2000 Division of Ser. No. US 2000-598894, filed on 22 Jun 2000, now patented, Pat. No. US

6245438 Division of Ser. No. US 1998-215742, filed on 17 Dec 1998, now patented, Pat. No. US 6114491 Continuation-in-part of Ser. No. US 1998-95249, filed on 4 Aug 1998

PRAI US 1997-68286P 19971219 (60)
 DT Utility
 FS GRANTED
 LN.CNT 1459
 INCL INCLM: 428/528.000
 INCLS: 428/509.000; 428/511.000; 525/484.000; 525/498.000
 NCL NCLM: 428/528.000
 NCLS: 428/509.000; 428/511.000; 525/484.000; 525/498.000
 IC [7]
 ICM: B32B021-58
 EXF 428/528; 428/502; 428/511; 525/484; 525/498

L12 ANSWER 4 OF 8 USPATFULL

Full Text	Citing References
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AN 2001:88103 USPATFULL
 TI Cyclic urea-formaldehyde prepolymer for use in phenol-formaldehyde and melamine-formaldehyde resin-based binders
 IN Dupre, F. C., Atlanta, GA, United States
 Foucht, Millard E., Stone Mountain, GA, United States
 Freese, William P., Conyers, GA, United States
 Gabrielson, Kurt D., Liburn, GA, United States
 Gapud, Benjamin D., Lawrenceville, GA, United States
 Ingram, W. Hayes, Conyers, GA, United States
 McVay, Ted M., Lawrenceville, GA, United States
 Rediger, Richard A., Conyers, GA, United States
 Shoemaker, Kelly A., Conyers, GA, United States
 Tutin, Kim K., Stone Mountain, GA, United States
 Wright, James T., Decatur, GA, United States
 PA Georgia-Pacific Resins, Inc. (U.S. corporation)
 PI US 2001000237 A1 20010412
US 6369171 B2 20020409
 AI US 2000-735624 A1 20001214 (9)
 RLI Division of Ser. No. US 2000-598894, filed on 22 Jun 2000, PENDING
 Division of Ser. No. US 1998-215742, filed on 17 Dec 1998, GRANTED, Pat. No. US 6114491
 PRAI US 1998-95249P 19980804 (60)
US 1997-68286P 19971219 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 1600
 INCL INCLM: 428/528.000
 NCL NCLM: 525/498.000
 NCLS: 425/502.000; 425/505.000; 425/506.000; 425/511.000; 425/528.000; 525/484.000; 528/129.000; 528/254.000
 IC [7]
 ICM: B32B027-42
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 5 OF 8 USPATFULL

Full Text	Citing References
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AN 2001:86142 USPATFULL
 TI Cyclic urea-formaldehyde prepolymer for use in phenol-formaldehyde and melamine-formaldehyde resin-based binders
 IN Dupre, F. C., Atlanta, GA, United States
 Foucht, Millard E., Stone Mountain, GA, United States
 Freese, William P., Conyers, GA, United States
 Gabrielson, Kurt D., Liburn, GA, United States
 Gapud, Benjamin D., Lawrenceville, GA, United States
 Ingram, W. Hayes, Conyers, GA, United States

McVay, Ted M., Lawrenceville, GA, United States
 Rediger, Richard A., Conyers, GA, United States
 Shoemake, Kelly A., Conyers, GA, United States
 Tutin, Kim K., Stone Mountain, GA, United States
 Wright, James T., Decatur, GA, United States
 PA Georgia-Pacific Resins, Inc., Atlanta, GA, United States (U.S.
 corporation)
 PI US 6245438 B1 20010612
 AI US 2000-598894 20000622 (9)
 RLI Division of Ser. No. US 1998-215742, filed on 17 Dec 1998, now patented,
 Pat. No. US 6114491
 PRAI US 1998-95249P 19980804 (60)
 US 1997-68286P 19971219 (60)
 DT Utility
 FS GRANTED
 LN.CNT 1489
 INCL INCLM: 428/511.000
 INCLS: 428/502.000; 428/565.000; 428/566.000; 525/484.000; 528/129.000;
 528/254.000
 NCL NCLM: 428/511.000
 NCLS: 428/502.000; 428/565.000; 428/566.000; 525/484.000; 528/129.000;
 528/254.000
 IC [7]
 ICM: B32B023-08
 ICS: C08G014-04; C08G008-10; C08G008-28
 EXF 428/528; 428/511; 428/502; 428/505; 428/506; 525/484; 528/129; 528/254
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 6 OF 8 USPATFULL

Full Text	Citing References
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AN 2000:117872 USPATFULL
 TI Cyclic urea-formaldehyde prepolymer for use in phenol-formaldehyde and
 melamine-formaldehyde resin-based binders
 IN Dupre, F. C., Atlanta, GA, United States
 Foucht, Millard E., Stone Mountain, GA, United States
 Freese, William P., Conyers, GA, United States
 Gabrielson, Kurt D., Liburn, GA, United States
 Gapud, Benjamin D., Lawrenceville, GA, United States
 Ingram, W. Hayes, Conyers, GA, United States
 McVay, Ted M., Lawrenceville, GA, United States
 Rediger, Richard A., Conyers, GA, United States
 Shoemake, Kelly A., Conyers, GA, United States
 Tutin, Kim K., Stone Mountain, GA, United States
 Wright, James T., Decatur, GA, United States
 PA Georgia-Pacific Resins, Inc., Atlanta, GA, United States (U.S.
 corporation)
 PI US 6114491 20000905
 AI US 1998-215742 19981217 (9)
 PRAI US 1998-95249P 19980804 (60)
 US 1997-68286P 19971219 (60)
 DT Utility
 FS Granted
 LN.CNT 1545
 INCL INCLM: 528/129.000
 INCLS: 528/254.000; 525/484.000; 525/498.000; 428/528.000; 428/505.000;
 428/506.000; 428/511.000
 NCL NCLM: 528/129.000
 NCLS: 428/505.000; 428/506.000; 428/511.000; 428/528.000; 525/484.000;
 525/498.000; 528/254.000
 IC [7]
 ICM: C08G014-04
 ICS: C08G008-10; C08G008-28
 EXF 528/129; 528/254; 428/528; 428/505; 428/506; 428/511; 525/484; 525/498

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 7 OF 8 USPAT2

	Full Text	Citing References
AN	2002:95476	USPAT2
TI	CYCLIC UREA-FORMALDEHYDE PREPOLYMER FOR USE IN PHENOL-FORMALDEHYDE AND MELAMINE-FORMALDEHYDE RESIN-BASED BINDERS	
IN	Dupre, F. C., Atlanta, GA, UNITED STATES Foucht, Millard E., Stone Mountain, GA, UNITED STATES Freese, William P., Conyers, GA, UNITED STATES Gabrielson, Kurt D., Liburn, GA, UNITED STATES Gapud, Benjamin D., Lawrenceville, GA, UNITED STATES Ingram, W. Hayes, Conyers, GA, UNITED STATES McVay, Ted M., Lawrenceville, GA, UNITED STATES Rediger, Richard A., Conyers, GA, UNITED STATES Shoemake, Kelly A., Conyers, GA, UNITED STATES Tutin, Kim K., Stone Mountain, GA, UNITED STATES Wright, James T., Decatur, GA, UNITED STATES Georgia-Pacific Resins, Inc. (U.S. corporation)	
PA	US 2002054994	A1 20020509
PI	US 2001-948047	A1 20010907 (9)
AI	Division of Ser. No. <u>US 2000-735624</u> , filed on 14 Dec 2000, PENDING	
RLI	Division of Ser. No. <u>US 2000-598894</u> , filed on 22 Jun 2000, GRANTED, Pat. No. <u>US 6245438</u> Division of Ser. No. <u>US 1998-215742</u> , filed on 17 Dec 1998, GRANTED, Pat. No. <u>US 6114491</u>	
PRAI	US 1998-95249P	19980804 (60)
	US 1997-68286P	19971219 (60)
DT	Utility	
FS	APPLICATION	
LN.CNT	1614	
INCL	INCLM: 428/349.000	
NCL	NCLM: 428/528.000	
	NCLS: 428/509.000; 428/511.000; 525/484.000; 525/498.000	
IC	[7]	
	ICM: B32B007-12	

L12 ANSWER 8 OF 8 USPAT2

	Full Text	Citing References
AN	2001:88103	USPAT2
TI	Cyclic urea-formaldehyde prepolymer for use in phenol-formaldehyde and melamine-formaldehyde resin-based binders	
IN	Dupre, Frederick C., Atlanta, GA, United States Foucht, Millard E., Stone Mountain, GA, United States Freese, William P., Conyers, GA, United States Gabrielson, Kurt D., Liburn, GA, United States Gapud, Benjamin D., Lawrenceville, GA, United States Ingram, W. Hayes, Conyers, GA, United States McVay, Ted M., Lawrenceville, GA, United States Rediger, Richard A., Conyers, GA, United States Shoemake, Kelly A., Conyers, GA, United States Tutin, Kim K., Stone Mountain, GA, United States Wright, James T., Decatur, GA, United States Georgia-Pacific Resins, Inc., Atlanta, GA, United States (U.S. corporation)	
PA	US 6369171	B2 20020409
PI	US 2000-735624	20001214 (9)
AI	Division of Ser. No. <u>US 2000-598894</u> , filed on 22 Jun 2000, now patented, Pat. No. <u>US 6245438</u> Division of Ser. No. <u>US 1998-215742</u> , filed on 17 Dec 1998, now patented, Pat. No. <u>US 6114491</u>	
RLI	US 1997-68286P	19971219 (60)
PRAI	US 1998-95249P	19980804 (60)
DT	Utility	

FS GRANTED
LN.CNT 1434
INCL INCLM: 525/498.000
INCLS: 525/498.000; 525/484.000; 425/528.000; 425/502.000; 425/505.000;
425/506.000; 425/511.000; 528/129.000; 528/254.000
NCL NCLM: 525/498.000
NCLS: 425/502.000; 425/505.000; 425/506.000; 425/511.000; 425/528.000;
525/484.000; 528/129.000; 528/254.000
IC [7]
ICM: C08G008-28
ICS: C08L061-10; C08L061-34
EXF 428/528; 428/502; 428/505; 428/506; 428/511; 528/129; 528/254; 525/484;
525/498
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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